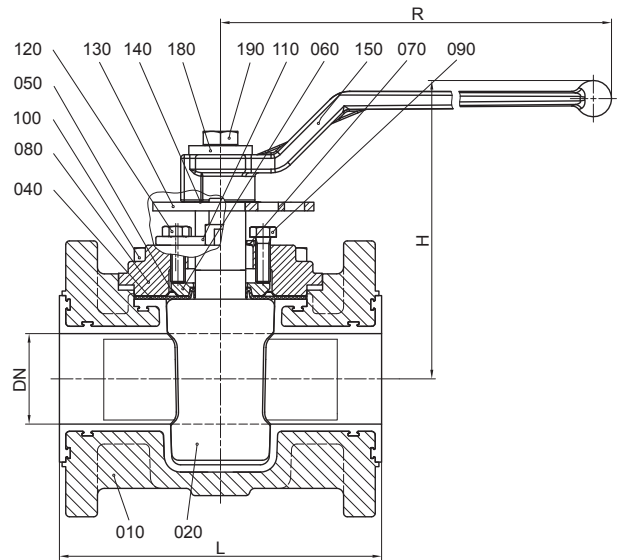
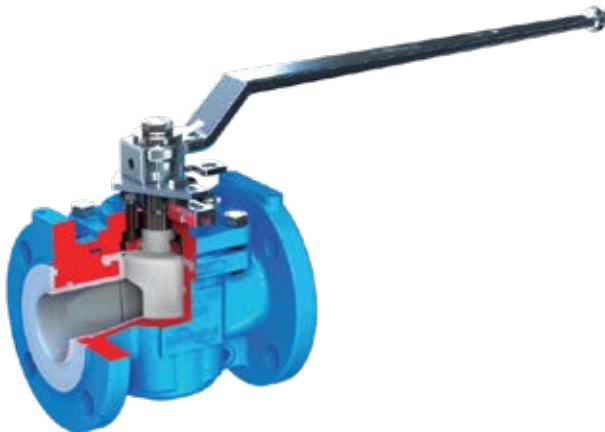


# Durco® Lined Plug Valve Type T4E1



**Flange Connections**                      **ANSI B 16 5, 150lbs**

The T4E series is designed and developed with the latest technology and therefore very suitable for the chemical process industries and available in the ANSI Class 150 & 300 as well DIN Class PN16 and a max. temperature of 204°C. The T4E lined plug valves provide maximum corrosion resistance and the elimination of product contamination at reasonable costs.

PFA body liner is well anchored against the body by mean of machined and cast T-slots and the solid encapsulated/anchored PFA-plug liner material ensures a strong adhesion. This makes the T4E series so suitable for extreme service and vacuum conditions.

A large sealing surface guarantees a bubble-tight shut-off.

A secondary dynamic self adjusting, self-energized PFA\* reverse lip diaphragm prevents stem leakage.

You never replace valve seats; you only reseal the plug with a quick and easy in-line adjustment.

Standard material of construction is Ductil Cast Iron, however, stainless steel valve bodies can be make available upon request.

\*Optional stainless steel diaphragm support.

### Dimensions - mm.

Size	ANSI	L	H	R	Weight (kg)
1/2"	150#	108	139	260	3.7
3/4"	150#	117.5	139	260	4.1
1"	150#	127	139	260	4.9
1 1/2"	150#	165	145	260	7.4
2"	150#	178	165	410	11.3
3"	150#	203	179	410	17.5
4"	150#	229	222	674	31.1
6"	150#	267	-	-	43.2

### Standard Material Specifications

No.	Description	Material	No.	Description	Material
010	body	ductile cast iron (EN-JS1049/ASTM A395) PFA lined	100	top cap bolt	ASTM A193 grade B7
020	plug	ductile cast iron (EN-JS1049/ASTM A395) PFA lined	110	stop	stainless steel ASTM A351/A744 grade CF-8M (316 SS)
040	diaphragm	TFM (PFA*)	120	stop fastener	stainless steel - 1.4301
050*	metal diaphragm	stainless steel - 302	130	stop collar	carbon steel, protective plated
060	thrust gland	machining steel - 1.0718	140	stop collar retainer	stainless steel - 302
070	grounding spring	stainless steel - 302	150	wrench	ductile cast iron (EN-JS1082/ASTM A536)
080	top cap	ductile cast iron (EN-JS1049/ASTM A395)	180	washer	stainless steel - 1.4301
090	adjuster bolt	ASTM A193 grade B7	190	hexagon bolt	stainless steel - 1.4301

\* optional